

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims.

1. (currently amended) A soluble scaffolded fusion polypeptide comprising one or more modules, each module comprising a functional domain fused to a scaffold domain, wherein each functional domain comprises the amino acid sequence of a soluble loop or strand of ~~an integral membrane protein~~ CCR5 (SEQ ID NO:9), and wherein each scaffold domain comprises two scaffold strands, wherein one scaffold strand comprises the amino acid sequence of SEQ ID NO:6 and the other scaffold strand comprises the amino acid sequence of SEQ ID NO:7; and wherein the scaffolded fusion polypeptide ~~binds an antibody that recognizes the native, properly folded form of said integral membrane protein but not linear fragments of said integral membrane protein~~ has CCR5 activity.

2. (previously presented) The scaffolded fusion polypeptide of claim 1 comprising a plurality of said modules.

3-5. (canceled)

6. (original) The scaffolded fusion polypeptide of claim 2 in which a first scaffold domain is linked to a second scaffold domain via a polypeptide linker.

7. (canceled)

8. (currently amended) The scaffolded fusion polypeptide of claim 7 2 ~~which~~ wherein said soluble loop or strand comprises the extracellular domain of CCR5.

9-16. (canceled)

17. (previously presented) A polypeptide produced by a method comprising:
(a) expressing from a host cell the polypeptide of claim 1; and
(b) recovering said polypeptide.

18-21. (canceled)

22. (previously presented) The scaffolded fusion polypeptide of claim 1 comprising a single said module.

23. (canceled)

24. (previously presented) The scaffolded fusion polypeptide of claim 6 wherein said linker comprises an amino acid sequence selected from the group consisting of:

- (a) the amino acid sequence of SEQ ID NO:8;
- (b) the amino acid sequence of SEQ ID NO:15; and
- (c) the amino acid sequence of SEQ ID NO:16.

25. (canceled)

26. (previously presented) A soluble scaffolded fusion polypeptide comprising the amino acid sequence of SEQ ID NO:10.

27. (previously presented) The scaffolded fusion polypeptide of claim 26 comprising the amino acid sequence of SEQ ID NO:31.

28-29. (canceled)

30. (previously presented) A polypeptide produced by a method comprising:

- (a) expressing from a host cell the polypeptide of claim 26; and
- (b) recovering said polypeptide.

31. (canceled)